

OCT 28 2004

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

Page 1 of 15

ATTY. DOCKET NO.  
0942.4200002/RWE/AWLAPPLICATION NO.  
10/728,766APPLICANT(S)  
Chatterjee *et al.*FILING DATE  
December 8, 2003ART UNIT  
1652

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
M.R.	AAI	4,405,720	09/20/1983	Merril	—	—	01/18/1982
	ABI	4,468,466	08/28/1984	Morrissey	—	—	02/16/1982
	ACI	4,507,233	03/26/1985	Saito <i>et al.</i>	—	—	04/18/1983
	ADI	4,575,452	03/11/1986	Lee <i>et al.</i>	—	—	09/21/1984
	AEI	4,677,196	06/30/1987	Rausch <i>et al.</i>	—	—	09/06/1985
	AFI	4,766,224	08/23/1988	Rausch	—	—	08/19/1985
	AGI	4,782,027	11/01/1988	Lee <i>et al.</i>	—	—	01/22/1987
	AHI	4,920,059	04/24/1990	Moeremans <i>et al.</i>	—	—	06/12/1985
	AIJ	5,132,439	07/21/1992	Shultz <i>et al.</i>	—	—	11/19/1990
	AJI	5,273,906	12/28/1993	Shultz <i>et al.</i>	—	—	07/20/1992
M.R.	AKI	5,279,792	01/18/1994	Moeremans <i>et al.</i>	—	—	06/03/1991

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
M.R.	ALI	WO 92/01707	02/06/1992	WIPO	—	—	Yes No
M.R.	AMI	WO 96/17942	06/13/1996	WIPO	—	—	Yes No
M.R.	ANI	WO 97/28248	08/07/1997	WIPO	—	—	Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

M.R.	AR	1	Allen, R.C., and Budowle, B., "Component Visualization," in <i>Gel Electrophoresis of Proteins and Nucleic Acids</i> , Walter De Gruyter, Berlin, Germany, pp. 204-272 (1994)
M.R.	AS	1	Ausubel, F.M., <i>et al.</i> , "Protein Expression," in <i>Current Protocols in Molecular Biology</i> , Vol. 2, John Wiley & Sons, Inc., Hoboken, NJ, pp. 16.4.1-16.8.14 (1994)
M.R.	AT	1	Barger, B.O., <i>et al.</i> , "Estimation of Molecular Weight by Polyacrylamide Gel Electrophoresis Using Heat Stable Fluorophors," <i>Anal. Biochem</i> , 70:327-335, Academic Press (1976)

EXAMINER M. R. Roshni DATE CONSIDERED 3/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0942.4200002/RWE/AWLAPPLICATION NO.  
10/728,766APPLICANT(S)  
Chatterjee *et al.*FILING DATE  
December 8, 2003ART UNIT  
1652 1653

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
R.R.	AA2	5,292,646	03/08/1994	McCoy <i>et al.</i>			07/28/1992
	AB2	5,330,902	07/19/1994	Keck <i>et al.</i>			01/15/1993
	AC2	5,449,758	09/12/1995	Hartley			12/02/1993
	AD2	5,605,691	02/25/1997	Carroll			09/29/1993
	AE2	5,616,502	04/01/1997	Haugland <i>et al.</i>			05/19/1995
R.R.	AF2	5,705,649	01/06/1998	Shultz <i>et al.</i>			11/09/1995
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes
							No
	AM						Yes
							No
	AN						Yes
							No
	AO						Yes
							No
	AP						Yes
							No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

R.R.	AR	2	Betton, J-M., and Hofnung, M., "Folding of a Mutant Maltose-binding Protein of <i>Escherichia coli</i> Which Forms Inclusion Bodies," <i>J. Biol. Chem.</i> 271:8046-8052, American Society for Biochemistry and Molecular Biology (1996)
R.R.	AS	2	BIORAD, "Electrophoresis and Blotting Standards. Protein Standards," <i>Life Science Research Products, Price List S</i> , p. 316, (1993)
R.R.	AT	2	Bosshard, H.F., and Datyner, A., "The Use of a New Reactive Dye for Quantitation of Prestained Proteins on Polyacrylamide Gels," <i>Anal. Biochem.</i> 82:327-333, Academic Press (1977)

EXAMINER

R. G. P. R. S. H. I. N. G.

DATE CONSIDERED

8/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0942.4200002/RWE/AWLAPPLICATION NO.  
10/728,766APPLICANT(S)  
Chatterjee *et al.*FILING DATE  
December 8, 2003ART UNIT  
~~1652~~ 1653

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes
							No
	AM						Yes
							No
	AN						Yes
							No
	AO						Yes
							No
	AP						Yes
							No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

re-re.	AR	3	Buchner, J., and Rudolph, R., "Renaturation, Purification and Characterization of Recombinant F <sub>ab</sub> -Fragments Produced in <i>Escherichia coli</i> ," <i>Biotechnology</i> 9:157-162, Nature Pub. Co. (1991)
re-re.	AS	3	Carter, P., "Site-Specific Proteolysis of Fusion Proteins," in <i>Protein Purification: From Molecular Mechanisms to Large-Scale Processes</i> , American Chemical Society Symposium Series, Vol. 427, Ladisch, M.R., <i>et al.</i> , eds., American Chemical Society, Washington, DC, pp. 181-193 (1990)
re-re.	AT	3	Chatterjee, D.K., <i>et al.</i> , "Cloning and overexpression of the gene encoding bacteriophage T5 DNA polymerase," <i>Gene</i> 97:13-19, Elsevier Science (1991)

EXAMINER

re-re. *re-re. ship*

DATE CONSIDERED

8/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0942.4200002/RWE/AWLAPPLICATION NO.  
10/728,766APPLICANT(S)  
Chatterjee *et al.*FILING DATE  
December 8, 2003ART UNIT  
~~1652~~ 1653

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

R.R.	AR	4	Chatterjee, D.K., <i>et al.</i> , "Genetic organization of the <i>Kpn</i> 1 restriction-modification system," <i>Nucl. Acids Res.</i> 19:6505-6509, Oxford University Press (1991)
R.R.	AS	4	Coburn, G.A., and Mackie, G.A., "Overexpression, Purification, and Properties of <i>Escherichia coli</i> Ribonuclease II," <i>J. Biol. Chem.</i> 271:1048-1053, American Society for Biochemistry and Molecular Biology (1996)
R.R.	AT	4	Dalmia, B.K., <i>et al.</i> , "Domain E of <i>Bacillus macerans</i> Cyclodextrin Glucanotransferase: An Independent Starch-Binding Domain," <i>Biotechnol. Bioeng.</i> 47:575-584, Wiley Interscience (1995)

EXAMINER

R. R. Roshki

DATE CONSIDERED

8/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET No.  
0942.4200002/RWE/AWLAPPLICATION No.  
10/728,766APPLICANT(S)  
Chatterjee *et al.*FILING DATE  
December 8, 2003ART UNIT  
~~1652~~ 1653**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

R.R.	AR	5	Datyner, A., and Finnimore, E.D., "A Prestaining Method for the Quantitative Assay of Proteins on Polyacrylamide Gels," <i>Anal. Biochem.</i> 55:479-491, Academic Press (1973)
R.R.	AS	5	Dekker, N., <i>et al.</i> , "In vitro folding of <i>Escherichia coli</i> outer-membrane phospholipase A," <i>Eur. J. Biochem.</i> 232:214-219, Blackwell Science (1995)
R.R.	AT	5	Derman, A.I., and Beckwith, J., " <i>Escherichia coli</i> Alkaline Phosphatase Localized to the Cytoplasm Slowly Acquires Enzymatic Activity in Cells Whose Growth Has Been Suspended: a Caution for Gene Fusion Studies," <i>J. Bacteriol.</i> 177:3764-3770, American Society for Microbiology (1995)

EXAMINER

R. R. Chatterjee

DATE CONSIDERED

8/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0942.4200002/RWE/AWLAPPLICATION NO.  
10/728,766APPLICANT(S)  
Chatterjee *et al.*FILING DATE  
December 8, 2003ART UNIT  
~~1652~~ 1653

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

R.R.	AR	6	Flynn, E., <i>et al.</i> , "Protein Analysis with the BenchMark™ Protein Ladders," <i>Focus</i> 19:33-35, Life Technologies (1997)
R.R.	AS	6	Georgiou, G., <i>et al.</i> , "Localization of Inclusion Bodies in <i>Escherichia coli</i> Overproducing $\beta$ -Lactamase or Alkaline Phosphatase," <i>Appl. Environ. Microbiol.</i> 52:1157-1161, American Society for Microbiology (1986)
R.R.	AT	6	Griffith, I.P., "Immediate Visualization of Proteins in Dodecyl Sulfate-Polyacrylamide Gels by Prestaining with Remazol Dyes," <i>Anal. Biochem.</i> 46:402-412, Academic Press (1972)

EXAMINER

R. R. Chatterjee

DATE CONSIDERED

8/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0942.4200002/RWE/AWLAPPLICATION NO.  
10/728,766APPLICANT(S)  
Chatterjee *et al.*FILING DATE  
December 8, 2003ART UNIT  
~~1652~~ 1653


## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

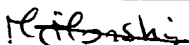
## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes
							No
	AM						Yes
							No
	AN						Yes
							No
	AO						Yes
							No
	AP						Yes
							No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

re-re.	AR	2	Haugland, R, "Handbook of Fluorescent Probes and Research Chemicals. Section 1.5, Dyes with Absorption Maxima Between 500 and 540 nm," pp. 25-29, Molecular Probes Inc., available at: <a href="http://web.archive.org/web/19970607210142/www.probes.com/acrobat/ch01-5.pdf">http://web.archive.org/web/19970607210142/www.probes.com/acrobat/ch01-5.pdf</a>
re-re.	AS	2	Haugland, R, "Handbook of Fluorescent Probes and Research Chemicals. Section 1.6, Long-Wavelength Dyes," pp. 29-35, Molecular Probes Inc., available at: <a href="http://web.archive.org/web/19970607210142/www.probes.com/acrobat/ch01-6.pdf">http://web.archive.org/web/19970607210142/www.probes.com/acrobat/ch01-6.pdf</a>
re-re. 	AT	2	Hitomi, Y., <i>et al.</i> , "High Efficiency Prokaryotic Expression and Purification of a Portion of the Hepatitis C Core Protein and Analysis of the Immune Response to Recombinant Protein in BALB/c Mice," <i>Viral Immunol.</i> 8:109-119, Mary Ann Liebert Inc. (1995)

EXAMINER



DATE CONSIDERED

8/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0942.4200002/RWE/AWLAPPLICATION NO.  
10/728,766APPLICANT(S)  
Chatterjee *et al.*FILING DATE  
December 8, 2003ART UNIT  
1652 1653

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

R. R.	AR	8	Hochuli, E., and Piessecki, S., "Interaction of Hexahistidine Fusion Proteins with Nitrilotriacetic Acid-Chelated Ni <sup>2+</sup> Ions," <i>METHODS: A Companion to Methods in Enzymology</i> 4:68-72, Academic Press (1992)
R. R.	AS	8	Höög, J-O., <i>et al.</i> , "Nucleotide sequence of the thioredoxin gene from <i>Escherichia coli</i> ," <i>Biosci. Rep.</i> 4:917-923, The Biochemical Society (1984)
R. R.	AT	8	Kim, S-O., and Lee, Y.I., "High-level expression and simple purification of recombinant human insulin-like growth factor I," <i>J. Biotechnol</i> 48:97-105, Elsevier Science (1996)

EXAMINER

R. R. Chatterjee

DATE CONSIDERED

8/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
0942.4200002/RWE/AWLAPPLICATION NO.  
10/728,766APPLICANT(S)  
Chatterjee *et al.*FILING DATE  
December 8, 2003ART UNIT  
~~1652~~ 1653**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

R.R.	AR	2	Kuhelj, R., <i>et al.</i> , "The preparation of catalytically active human cathepsin B from its precursor expressed in <i>Escherichia coli</i> in the form of inclusion bodies," <i>Eur. J. Biochem.</i> 229:533-539, Blackwell Science (1995)
R.R.	AS	2	LaVallie, E.R., <i>et al.</i> , "A Thioredoxin Gene Fusion Expression System That Circumvents Inclusion Body Formation in the <i>E. coli</i> Cytoplasm," <i>Biotechnology</i> 11:187-193, Nature Pub. Co. (1993)
R.R.	AT	2	Lunn, C.A., <i>et al.</i> , "Amplification and Purification of Plasmid-encoded Thioredoxin from <i>Escherichia coli</i> K12," <i>J. Biol. Chem.</i> 259:10469-10474, American Society of Biological Chemists Inc. (1984)

EXAMINER

R. R. Chatterjee

DATE CONSIDERED

8/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
0942.4200002/RWE/AWLAPPLICATION NO.  
10/728,766APPLICANT(S)  
Chatterjee *et al.*FILING DATE  
December 8, 2003ART UNIT  
~~1652~~ 1653**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

R.R.	AR	10	Magin, T.M., <i>et al.</i> , "Analysis of cytokeratin domains by cloning and expression of intact and deleted polypeptides in <i>Escherichia coli</i> ," <i>EMBO J.</i> 6:2607-2615, IRL Press Ltd. (1987)
R.R.	AS	10	Molecular Probes, "Conjugation with Amine-Reactive Probes," Product Information Sheet MP0143, p.1-8 (1996)
R.R.	AT	10	Molecular Probes Catalog, "Handbook of Fluorescent Probes and Research Chemicals," 6th Edition, pp. 9-10 (1996)

EXAMINER

R. H. Hersh

DATE CONSIDERED

8/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
0942.4200002/RWE/AWLAPPLICATION NO.  
10/728,766APPLICANT(S)  
Chatterjee *et al.*FILING DATE  
December 8, 2003ART UNIT  
1652 1653



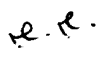
## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

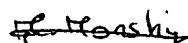
## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

re. re. 	AR	11	Neophytou, P.I., <i>et al.</i> , "Development of a procedure for the direct cloning of T-cell epitopes using bacterial expression systems," <i>J. Immunol. Methods</i> 196:63-72, Elsevier Science (1996)
re. re. 	AS	11	Oberfelder, R.W., <i>et al.</i> , "Protein Expression by Inclusion," <i>FASEB J.</i> 11:A1200, Abstract No. 2007, Federation of American Societies for Experimental Biology (July/August 1997)
re. re. 	AT	11	Oeda, K., <i>et al.</i> , "Formation of Crystals of the Insecticidal Proteins of <i>Bacillus thuringiensis</i> subsp. <i>aizawai</i> IPL7 in <i>Escherichia coli</i> ," <i>J. Bacteriol.</i> 171:3568-3571, American Society for Microbiology (1989)

EXAMINER



DATE CONSIDERED

8/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET No.  
0942.4200002/RWE/AWLAPPLICATION No.  
10/728,766APPLICANT(S)  
Chatterjee *et al.*FILING DATE  
December 8, 2003ART UNIT  
~~1652~~ 1653

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

R.M.	AR	12	Rinas, U., and Bailey, J.E., "Overexpression of Bacterial Hemoglobin Causes Incorporation of Pre- $\beta$ -Lactamase into Cytoplasmic Inclusion Bodies," <i>Appl. Environ. Microbiol.</i> 59:561-566, American Society for Microbiology (1993)
R.R.	AS	12	Sambrook, J., <i>et al.</i> , "Expression of Cloned Genes in <i>Escherichia coli</i> ," in <i>Molecular Cloning: A Laboratory Manual, Second Edition</i> , Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, pp. 17.2-17.9 (1989)
R.R.	AT	12	Schneider, E., <i>et al.</i> , "Functional Purification of a Bacterial ATP-Binding Cassette Transporter Protein (MalK) from the Cytoplasmic Fraction of an Overproducing Strain," <i>Protein Expr. Purif.</i> 6:10-14, Academic Press (1995)

EXAMINER

R. R. Chatterjee

DATE CONSIDERED

8/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0942.4200002/RWE/AWLAPPLICATION NO.  
10/728,766APPLICANT(S)  
Chatterjee *et al.*FILING DATE  
December 8, 2003ART UNIT  
~~1652~~ 1653

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

K.K.	AR	13	Sigma Deutschland "Electrophoresis Reagents," <i>Biochemikalien Organische Verbindungen und Diagnostike Produktkatalog</i> , Diesenhoffen, Germany, pp.1898-1902 (1996)
J.P.	AS	13	Tokatlidis, K., <i>et al.</i> , "High activity of inclusion bodies formed in <i>Escherichia coli</i> overproducing <i>Clostridium thermocellum</i> endoglucanase D," <i>FEBS Lett.</i> 282:205-208, Elsevier Science (1991)
L.L.	AT	13	Toone, W.M., <i>et al.</i> , " <i>deaD</i> , a New <i>Escherichia coli</i> Encoding a Presumed ATP-Dependent RNA Helicase, Can Suppress a Mutation in <i>rpsB</i> , the Gene Encoding Ribosomal Protein S2," <i>J. Bacteriol</i> 173:3291-3302, American Society for Microbiology (1991)

EXAMINER

H. P. L. S. K.

DATE CONSIDERED

8/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0942.4200002/RWE/AWLAPPLICATION NO.  
10/728,766APPLICANT(S)  
Chatterjee *et al.*FILING DATE  
December 8, 2003ART UNIT  
~~1652~~ 1653

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes
							No
	AM						Yes
							No
	AN						Yes
							No
	AO						Yes
							No
	AP						Yes
							No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

R.R.	AR	14	Vandenbroeck, K., <i>et al.</i> , "Refolding and single-step purification of porcine interferon- $\gamma$ from <i>Escherichia coli</i> inclusion bodies. Conditions for reconstitution of dimeric IFN- $\gamma$ ," <i>Eur. J. Biochem.</i> 215:481-486, Blackwell Scientific (1993)
R.R.	AS	14	Wei, G., and Tang, J-G., "Formation of Inclusion Bodies May Be the Key Factor for the Stability of Expressed Products in <i>E. coli</i> ," <i>Biochem. Mol. Biol. Intl.</i> 37:895-901, Academic Press (1995)
R.M.	AT	14	Winnacker, E-L., "Directed Mutagenesis," in <i>From Genes to Clones: Introduction to Gene Technology</i> , VCH, Weinheim, Germany, pp. 451-481 (1987)

EXAMINER

R.R. Roshdy

DATE CONSIDERED

8/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET No.  
0942.4200002/RWE/AWLAPPLICATION No.  
10/728,766APPLICANT(S)  
Chatterjee *et al.*FILING DATE  
December 8, 2003ART UNIT  
~~1652~~ 1653**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

R.R.	AR	15	Yasufuku, K., <i>et al.</i> , "High-Yield Production of Recombinant Endothelin-1," <i>J. Biochem. (Tokyo)</i> 112:360-365, Oxford University Press (1992)
R.R.	AS	15	Supplementary European Search Report for Patent Application No. EP 98 90 3438, Search Completed April 20, 2004, European Patent Office, Munich, Germany
	AT		

EXAMINER

R. R. Chatterjee

DATE CONSIDERED

3/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.